

1644#7



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PATENT APPLICATION: US/09/651,685

DATE: 02/26/2002

TIME: 11:14:01

Input Set : A:\04594.app

Output Set: N:\CRF3\02262002\I651685.raw

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3 <110> APPLICANT: Ward, Peter A.
4   Huber-Lang, Markus
5   Sarma, Vidya
6   Czermak, Boris
8 <120> TITLE OF INVENTION: Compositions and Methods for the Treatment of Sepsis
10 <130> FILE REFERENCE: UM-04594
12 <140> CURRENT APPLICATION NUMBER: 09/651,685
13 <141> CURRENT FILING DATE: 2000-08-30
15 <150> PRIOR APPLICATION NUMBER: 09/387,671
16 <151> PRIOR FILING DATE: 1999-08-31
18 <160> NUMBER OF SEQ ID NOS: 76
20 <170> SOFTWARE: PatentIn Ver. 2.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 77
24 <212> TYPE: PRT
25 <213> ORGANISM: Rattus norvegicus
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29   1           5           10           15
31 Lys His Arg Val Pro Lys Lys Cys Cys Tyr Asp Gly Ala Arg Glu Asn
32   20           25           30
34 Lys Tyr Glu Thr Cys Glu Gln Arg Val Ala Arg Val Thr Ile Gly Pro
35   35           40           45
37 His Cys Ile Arg Ala Phe Asn Glu Cys Cys Thr Ile Ala Asp Lys Ile
38   50           55           60
40 Arg Lys Glu Ser His His Lys Gly Met Leu Leu Gly Arg
41   65           70           75
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45 <211> LENGTH: 20
46 <212> TYPE: PRT
47 <213> ORGANISM: Rattus norvegicus
49 <400> SEQUENCE: 2
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51   1           5           10           15
53 Lys Tyr Glu Thr
54   20
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 74
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 Met Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser
64   1           5           10           15

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66 Val Val Lys Lys Cys Cys Tyr Asp Gly Ala Ser Val Asn Asn Asp Glu
67          20          25          30
69 Thr Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Cys Ile
70          35          40          45
72 Lys Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn
73          50          55          60
75 Ile Ser His Lys Asp Met Gln Leu Gly Arg
76 65          70
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80 <211> LENGTH: 20
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 4
85 Met Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser
86 1          5          10          15
88 Val Val Lys Lys
89          20
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 20
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 5
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99 1          5          10          15
101 Arg Ala Ala Arg
102          20
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106 <211> LENGTH: 20
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
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111 Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile Ser His Lys Asp Met
112 1          5          10          15
114 Gln Leu Gly Arg
115          20
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 74
120 <212> TYPE: PRT
121 <213> ORGANISM: Bos taurus
123 <400> SEQUENCE: 7
124 Met Leu Lys Lys Lys Ile Glu Glu Glu Ala Ala Lys Tyr Arg Asn Ala
125 1          5          10          15
127 Trp Val Lys Lys Cys Cys Tyr Asp Gly Ala His Arg Asn Asp Asp Glu
128          20          25          30
130 Thr Cys Glu Glu Arg Ala Ala Arg Ile Ala Ile Gly Pro Glu Cys Ile
131          35          40          45
133 Lys Ala Phe Lys Ser Cys Cys Ala Ile Ala Ser Gln Phe Arg Ala Asp
134          50          55          60
136 Glu His His Lys Asn Met Gln Leu Gly Arg

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137 65                               70
140 <210> SEQ ID NO: 8
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142 <212> TYPE: PRT
143 <213> ORGANISM: Sus scrofa
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146 Met Leu Gln Lys Lys Ile Glu Glu Glu Ala Ala Lys Tyr Lys Tyr Ala
147 1 5 10 15
149 Met Leu Lys Lys Cys Cys Tyr Asp Gly Ala Tyr Arg Asn Asp Asp Glu
150 20 25 30
152 Thr Cys Glu Glu Arg Ala Ala Arg Ile Lys Ile Gly Pro Lys Cys Val
153 35 40 45
155 Lys Ala Phe Lys Asp Cys Cys Tyr Ile Ala Asn Gln Val Arg Ala Glu
156 50 55 60
158 Gln Ser His Lys Asn Ile Gln Leu Gly Arg
159 65 70
162 <210> SEQ ID NO: 9
163 <211> LENGTH: 242
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 9
168 gatccagtat gttgcaaaaa aaaattgaag aaattgctgc taaatataaa cattctgttg 60
169 ttaaaaaaatg ttgttatgat ggagcttctg ttaataatga tgaaacctgc gaacaacgcg 120
170 ctgctagaat ttctttggga cctagatgta ttaaagcatt tacagaatgt tgtgttggtg 180
171 cttctcaatt gaggcgaata tttctcataa agatatgcaa ttgggaagat aggatccgctc 240
172 ga 242
174 <210> SEQ ID NO: 10
175 <211> LENGTH: 60
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 10
180 atgttgcaaa aaaaaattga agaaattgct gctaaatata aacattctgt tgtaaaaaa 60
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 60
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 11
188 tgttgttatg atggagcttc tgtaataat gatgaaacct gcgaacaacg cgctgctaga 60
190 <210> SEQ ID NO: 12
191 <211> LENGTH: 231
192 <212> TYPE: DNA
193 <213> ORGANISM: Rattus norvegicus
195 <400> SEQUENCE: 12
196 gacctgcagc tctgcatca gaaagtggaa gaacaagctg ctaaatacaa acaccgtgtg 60
197 cccaagaaat gctgttatga tggagcccga gaaaacaaat acgaaacctg tgagcagcga 120
198 gttgccggg tgaccatagg cccacactgc atcagggcct tcaacgagtg ttgtactatt 180
199 gcggataaga tccgaaaaga aagccaccac aaaggcatgc tgttgggaag g 231
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 60

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203 <212> TYPE: DNA
204 <213> ORGANISM: Rattus norvegicus
206 <400> SEQUENCE: 13
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209 <210> SEQ ID NO: 14
210 <211> LENGTH: 9
211 <212> TYPE: PRT
212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 14
215 Lys Tyr Lys His Ser Val Val Lys Lys
216 1 5
219 <210> SEQ ID NO: 15
220 <211> LENGTH: 6
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 15
225 Val Asn Asn Asp Glu Thr
226 1 5
229 <210> SEQ ID NO: 16
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 16
235 Ala Ala Arg Ile Ser Leu Gly Pro Arg
236 1 5
239 <210> SEQ ID NO: 17
240 <211> LENGTH: 27
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 17
245 ttgctgctaa atataaacat tctgttg 27
247 <210> SEQ ID NO: 18
248 <211> LENGTH: 18
249 <212> TYPE: DNA
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 18
253 gagcttctgt taataatg 18
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 27
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 19
261 aacaacgcgc tgctagaatt tctttgg 27
263 <210> SEQ ID NO: 20
264 <211> LENGTH: 9
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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271 <400> SEQUENCE: 20
272 Lys Tyr Lys His Thr Val Val Lys Lys
273 1 5
276 <210> SEQ ID NO: 21
277 <211> LENGTH: 9
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
284 <400> SEQUENCE: 21
285 Lys Tyr Lys His Ser Ala Val Lys Lys
286 1 5
289 <210> SEQ ID NO: 22
290 <211> LENGTH: 9
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
297 <400> SEQUENCE: 22
298 Lys Tyr Lys His Ser Ala Ala Lys Lys
299 1 5
302 <210> SEQ ID NO: 23
303 <211> LENGTH: 9
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
310 <400> SEQUENCE: 23
311 Lys Tyr Lys His Ser Val Ala Lys Lys
312 1 5
315 <210> SEQ ID NO: 24
316 <211> LENGTH: 6
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
323 <400> SEQUENCE: 24
324 Val Asn Asn Gln Glu Thr
325 1 5
328 <210> SEQ ID NO: 25
329 <211> LENGTH: 6
330 <212> TYPE: PRT
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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337 Val Asn Asn Asp Glu Ser
338 1 5
341 <210> SEQ ID NO: 26

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/651,685

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